

CLAIMS

What is claimed is:

1. A stowable seat assembly for a vehicle comprising, in combination:
a seat having a seat back and a seat base pivotable with respect to the seat back, wherein the seat is movable between a normal position, a first stowed position and a second stowed position;

wherein the seat moves forward with respect to the vehicle to move the seat from the normal position to the first stowed position; and

wherein the seat pivots about ninety degrees with respect to the vehicle to move the seat from the first stowed position to the second stowed position.

2. The stowable seat assembly of claim 1 wherein the seat base is moveable between a down position where the seat base is generally perpendicular to the seat back and an up position, when the seat is in one of the normal position and the second stowed position.

3. The stowable seat assembly of claim 1 wherein the seat base is movable between an up position and a down position, and further comprising a gas shock attached to the seat base which resists movement from the up position and resists movement from the down position.

1 4. The stowable seat assembly of claim 1 wherein at the first stowed position the
2 seat back is aligned generally parallel with the seat back at the normal position.

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4 5. The stowable seat assembly of claim 1 further comprising a latch assembly
5 latching the seat in one of the normal position, the first stowed position and the
6 second stowed position.

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8 6. The stowable seat assembly of claim 5 wherein the latch assembly comprises
9 a first wall attachment bracket which cooperates with the frame to latch the seat in
10 the normal position, a second wall attachment bracket which cooperates with the
11 frame to latch the seat in the first stowed position, and a third wall attachment
12 bracket which cooperates with the frame to latch the seat in the second stowed
13 position.

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15 7. The stowable seat assembly of claim 6 wherein the frame rotates about 90
16 degrees with respect to the vehicle when moved from the normal position to the
17 second stowed position, and the third wall attachment bracket is rotated about 90
18 degrees with respect to the first wall attachment bracket.

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20 8. A stowable seat assembly comprising, in combination:
21 a seat movable between a normal position and a stowable position
22 comprising a seat back and a seat base; and

1 a support supporting the seat and adapted to connect the seat to a wall
2 comprising a frame and a link;
3 wherein the frame pivots with respect to the link and the link pivots with
4 respect to the wall as the seat moves from the normal position to the stowable
5 position.

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7 9. The stowable seat assembly of claim 8 wherein the seat has a second
8 stowable position and the frame pivots with respect to the wall and the seat pivots
9 with respect to the frame as the seat moves from the normal position to the second
10 stowable position.

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12 10. The stowable seat assembly of claim 9 wherein the seat in the normal
13 position faces forward and in the second stowed position faces at about 90 degrees
14 from forward.

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16 11. The stowable seat assembly of claim 8 wherein the seat in the normal
17 position faces forward and in the stowed position faces forward.